

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Most Oregon weather stations reported cooler and drier than normal conditions. High temperatures were reported in the mid 50's to low 70's and a most weather stations reported below normal precipitation. Many eastern counties reported high winds during the week. Medford had the highest recorded temperature at 72 degrees but the average weekly temperature was below average for this time of year. All eastern and central Oregon weather stations reported low temperatures below freezing and many western counties reported freezing or near freezing low temperatures. Prairie City reported the lowest temperature of 12 degrees. Detroit Lake had the most precipitation with 2.21 inches during the week, which is 1.26 inches above normal for this time of year.

Field Crops: The Governor has declared a drought for Klamath County because of low moisture. Field work was starting in portions of Lake County. In Douglas County, planting of spring crops was going well as most farmers have been able to do field work when they want. Spring planted wheat and winter wheat stands look very nice. South Willamette Valley crops were looking average this year. A cold and drier than average spring has hindered growth on crops a bit. Spring wheat seemed to have stalled and was not growing as fast as normal. Winter wheat has been fighting striped rust and septoria, almost to flag leaf stage on most wheat. Grass seed was fair looking with most everyone wrapping up fertilizer applications on late varieties. Further north there was pesticide spraying on grass for seed, all clovers growing well. Hay fields close to cut-weather permitting. Spring wheat was being planted in the lower Wallowa Valley and non-irrigated areas of Wallowa County. Drier weather also means closer monitoring of soil moisture. Some hay fields close to cut if weather permits. Some moisture received in Union and Baker counties this week but night temperatures were below freezing causing concern for some spring crops planted following a warm spell in late March. Canola was doing well in Douglas County.

Fruits and Nuts: Willamette Valley strawberries growing and starting to bloom. Grapes starting to show leaves and buds, filberts fully leafed and ground cleared of pruning debris. Hazelnut growers were spraying susceptible varieties for Eastern Filbert Blight. Brown rot blossom sprays were applied to stone fruits in bloom. Further south the drier spring meant less need for apple and pear scab sprays and less need for Eastern Filbert blight sprays. Good pollination with Douglas County plums, prunes, Asian pears, winter pears, peaches, and nectarines. Apples were still in full bloom and have a very strong bloom. Blueberry fields were in full bloom and raspberries were about ten days away from blooming. No significant pest problems yet. There were reports of hail from Jackson County orchardists with minimal damage if any. Hood River temperatures dipped to near critical levels for orchard crops the mornings of 4/16 and 4/17 resulting in widespread frost protection. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear near post bloom (WSU stage 8); Red Delicious apple between first bloom and full bloom (WSU stages 7 and 8); Bing cherry between full bloom and post bloom (WSU stages 8 and 9); Pinot noir grape at BBCH stages 5 to 7.

Vegetables: Vegetables doing well in Douglas County.

Nurseries and Greenhouses: Digging and burlap balling pyramidalis, shipping small trees. Cleaning beds for new plants.

Livestock, Range and Pasture: In Lake County, pastures have started greening up, but not significant amount of growth at this time because of cooler temperatures. Livestock in Grant counties were a long way from turnout because cold temperatures were slowing grass growth. Range conditions in Wallowa were improving.

Soil Moisture - Week Ending 04/21/13

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	1	29	67	3
Subsoil	2	32	66	0

Crop Condition - Week Ending 04/21/13

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	0	5	21	67	7
Spring wheat	0	18	39	43	0
Range and pasture	0	14	31	53	2

Crop Progress - Week Ending 04/21/13

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	57	43	75	75
Barley emerged	34	28	41	49
Spring wheat planted	69	61	81	79
Spring wheat emerged	55	45	44	42
Days suitable for fieldwork	5.6	5.3	4.2	4.6

Western Oregon

Douglas: The dry pattern of winter continues with just an occasional shower to keep people out of the fields for 1 to 2 days. Planting of spring crops was going well as most farmers have been able to do field work when they want. Spring planted wheat and winter wheat stands look very nice. Canola and vegetable crops also were doing well. Good pollination with plums, prunes, Asian pears, winter pears, peaches, and nectarines. Apples were still in full bloom and have a very strong bloom. Blueberry fields were in full bloom and raspberries were about ten days away from blooming. No significant pest problems yet.

Jackson: Week started with some rain showers and wind Monday afternoon. There were reports of hail from local orchardists with minimal damage if any. Temperatures lowered to near freezing for Tuesday and Wednesday.

Josephine: Overnight lows 28-34 Daytime 44-72 precipitation trace. Breezy, heavy fog, sunny, freezing fog, high overcast. Asparagus producing heavily now. Lots of greens. Peas were blooming.

Lane: Weather this week looks really good. The spring has been drier so less need for apple and pear scab sprays and less need for Eastern Filbert blight sprays with the drier weather. Drier weather also meant closer monitor soil moisture closer monitoring needed this spring. Agent/reporter was in Egypt learning and teaching about strawberries. As with most crops, Egypt has many diseases to deal with. Learning a tremendous amount. There was a huge

need for growers wanting to help less fortunate people by volunteering with the USAID programs. Contact me at OSU Lane County Extension. It was truly amazing how similar growers were around the world and how similar the problems were - worldwide! Pastures and grass hay seemed to be lagging due to continued cold weather. Adequate moisture but not as much standing water as usual, so that was good. Crops were looking average this year. A cold and drier than average spring has hindered growth on crops a bit. Spring wheat seemed to have stalled and was not growing as fast as normal. Winter wheat has been fighting striped rust and septoria, almost to flag leaf stage on most wheat. Grass seed was fair looking with most everyone wrapping up fertilizer applications on late varieties.

Washington: Pesticide spraying on grass for seed, all clovers growing well. Hay fields close to cut-weather permitting. Strawberries growing and starting to bloom. Grapes starting to show leaves and buds, filberts fully leafed and ground cleared of pruning debris. Some gardens planted to cool tolerant varieties. Getting ready for spring planting. Digging and barlap balling pyramidalis, shipping small trees. Cleaning beds for new plants. Pastures holding up to rotational grazing. Crop plantings showing good growth. High temperature 54 degrees, low 34 degrees. Trace precipitation and some showers.

Yamhill: Hazelnut growers were spraying susceptible varieties for Eastern Filbert Blight. Brown rot blossom sprays were being applied to stone fruits in bloom.

Eastern Oregon

Grant: Grass was starting to green up but it was a long way from turnout. Cold temperatures were slowing grass growth.

Hood River: Unsettled weather prevailed during the week with generally cool temperatures and intermittent rain. Temperatures dipped to near critical levels for orchard crops the mornings of 4/16 and 4/17 resulting in widespread frost protection. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear near post bloom (WSU stage 8); Red Delicious apple between first bloom and full bloom (WSU stages 7 and 8); Bing cherry between full bloom and post bloom (WSU stages 8 and 9); Pinot noir grape at BBCH stages 5 to 7.

Klamath: Some rain during the early part of the week. The Governor has declared a drought for Klamath County because of low moisture. Spring planting has started.

Lake: Received precipitation in the form of rain, hail and snow on Monday and Tuesday. Field work was starting in portions of

the County. Pastures have started greening up, but not significant amount of growth at this time. They need warmer temperatures.

Sherman/Wasco: Initial tillage continued in both counties although slowed down for rain showers starting Thursday. Spraying continued where and when winds allow

Union/Baker: Some moisture received this week but night temperatures were below freezing causing concern for some spring crops planted following a warm spell in late March. Baker County has been experiencing cool, windy weather. Hard freeze 3 nights this week. 15 to 25 degrees depending on location. Sugar beets will have to be replanted. Pasture growth was slow due to cold nights. Hay was in short supply.

Wallowa: Received some moisture this week but more was needed. Spring wheat was being planted in the lower Valley and non-irrigated areas of the County. Range conditions were improving.

Weather data for selected stations in Oregon, Week ending: April 21, 2013 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria	38	56	48	-1	-	-7	1.39	0.37	4	67.72	10.11	118	152
Bandon ⁸	38	59	49	-1	3	-9	0.75	-0.19	4	49.50	-2.99	94	140
Crescent City	37	56	48	-4	1	-21	-	-0.96	-	45.86	-12.96	78	101
Florence	33	58	47	-3	3	-11	0.96	-0.19	3	58.78	-8.34	88	134
North Bend	37	57	50	0	8	-6	0.61	-0.40	4	38.17	-18.40	67	109
Tillamook	36	57	49	2	4	-3	0.91	-0.40	3	58.86	-17.62	77	138
WILLAMETTE VALLEY													
Aurora ⁸	32	61	50	1	13	-5	0.36	-0.26	4	31.79	-3.21	91	126
Corvallis	33	63	49	0	7	-8	0.17	-0.39	3	27.84	-9.86	74	124
Detroit Lake ⁸	33	59	46	3	-	-7	2.21	1.26	5	76.14	17.11	129	140
Eugene	33	65	51	1	18	-3	0.29	-0.38	2	25.61	-18.05	59	104
Hillsboro	32	60	49	-2	9	-8	0.37	-0.08	2	27.98	-4.61	86	117
McMinnville	34	60	50	-2	11	-9	0.20	-0.33	2	26.83	-11.81	69	111
Portland	36	60	51	-1	12	-9	0.58	0.04	4	30.42	-0.13	100	114
Salem	34	62	50	1	11	-3	0.37	-0.15	2	29.65	-4.51	87	113
SW VALLEYS													
Grants Pass	32	71	49	-5	11	-24	0.16	-0.22	3	27.92	-0.43	98	98
Medford	33	72	51	-1	19	-9	0.14	-0.14	3	15.76	-0.54	97	89
Roseburg	39	68	53	2	28	0	0.23	-0.26	3	24.89	-4.05	86	107
NORTH CENTRAL													
Condon	22	61	43	-3	3	-4	0.21	-0.08	4	6.73	-3.59	65	64
Echo ⁸	23	67	49	-4	17	-12	0.74	0.60	5	6.69	-0.39	94	73
Heppner	23	62	43	-6	4	-13	0.37	0.09	3	6.09	-4.07	60	61
Hermiston	20	66	49	-4	20	-9	0.33	0.19	2	6.62	-0.46	94	62
Madras ⁸	22	62	43	-5	1	-17	0.08	-0.06	3	5.67	-2.07	73	64
Moro	31	59	45	-2	2	-10	0.10	-0.08	3	6.97	-1.86	79	63
Parkdale ⁸	26	58	46	-4	2	-19	0.51	0.16	4	31.42	3.31	112	117
Pendleton	23	62	46	-6	7	-17	0.47	0.26	2	7.24	-2.04	78	68
Prairie City ⁸	12	58	38	-3	0	-3	0.22	-0.12	2	7.40	-8.43	47	94
The Dalles	30	65	52	4	21	7	-	-0.17	-	8.18	-2.13	79	60
SOUTH CENTRAL													
Agency Lake ⁸	30	63	45	4	1	-6	0.05	-0.16	1	10.00	-3.11	76	61
Bend	22	60	39	-6	-	-7	0.39	0.25	2	6.55	-2.32	74	30
Burns	16	64	41	-3	-	-7	0.05	-0.09	2	5.21	-1.70	75	48
Christmas Valley ⁸	13	64	38	-8	-	-14	0.12	-0.02	4	16.54	7.42	181	73
Klamath Falls	21	65	40	-5	-	-12	0.07	-0.07	3	6.18	-4.68	57	54
Klamath Falls ⁸	22	65	41	-4	-	-12	0.06	-0.08	2	6.90	-3.96	64	73
Lakeview ⁸	15	63	37	-7	-	-7	0.14	-0.14	2	8.19	-3.64	69	77
Lorella ⁸	18	67	39	-7	-	-12	0.06	-0.08	2	8.06	-2.80	74	69
Redmond	14	62	41	-4	1	-7	0.08	-0.04	3	4.71	-1.26	79	49
Warden ⁸	20	67	41	-5	-	-12	0.01	-0.13	1	6.98	-3.88	64	68
NORTHEAST													
Baker City	17	57	39	-7	-	-9	0.04	-0.17	1	4.17	-2.28	65	69
Joseph	23	58	40	-2	-	-7	0.42	0.00	3	10.42	-7.69	58	82
La Grande	27	57	43	-5	1	-13	0.37	0.05	3	8.66	-3.83	69	67
Imbler ⁸	24	58	42	-5	-	-14	0.33	-0.09	3	9.87	-8.54	54	98
SOUTHEAST													
Ontario	29	71	49	-3	10	-21	0.11	-0.03	2	4.44	-2.99	60	55
Rome	17	67	41	-7	-	-16	0.19	0.05	2	3.23	-1.98	62	51

¹ Summary based on NWS data. Copyright 2013: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2012.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.